

# PROPOSAL



## **Town Hall Parking Lot Renovation Engineer Services for Conceptual Design, Final Design, Construction Administration and Observation**



**LiRo Engineers, Inc.**  
A LiRo-Hill Company

June 28, 2024



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June 28, 2024

Town of Ulysses  
Attn: SEALED BID  
10 Elm Street  
Trumansburg, NY 14886

**Re: Town Hall Parking Lot Renovation - Engineer Services for Conceptual Design, Final Design,  
Construction Administration and Observation**

Dear Ms. Wright,

LiRo Engineers, Inc., d/b/a LiRo-Hill, is pleased to submit our Proposal for the above referenced project. Effective as of January 27, 2024, Global Infrastructure Solutions Inc. (GISI), the parent company of LiRo Engineers, Inc. and Hill International, Inc. consolidated a portion of the highly experienced staff of both LiRo and Hill to create a larger, more efficient and cost-effective team to serve clients in the Northeast.

LiRo-Hill provides multi-disciplinary engineering, environmental and construction management services to clients throughout the State of New York. LiRo-Hill will be staffing this project with key personnel from our Buffalo office who have completed numerous parking lot projects for upstate NY clients including the recent design and construction of the several lots at the Buffalo Waterfront for Canalside.

LiRo-Hill is excited about this opportunity to offer our services to the Town of Ulysses. We believe that the LiRo-Hill Team provides the right experience, flexibility and attitude to meet your project goals. Our proposed team has a proven record of working effectively on similar design projects that cross engineering discipline lines. This ability, our long history of successful project completion will enable the LiRo-Hill Team to assist the Town in the successful completion of this project.

LiRo-Hill's staff are ideally suited to serve as the Town's Design Engineer for this important project. As we will demonstrate in our proposal, LiRo-Hill's in-house professional engineers, environmental professionals, and construction inspectors have conducted numerous projects requiring infrastructure construction including parking lot renovation work. LiRo-Hill has assembled a highly skilled team of Subconsultants with experience working on public projects. LiRo-Hill's project team includes Atlantic Testing Laboratories (WBE) for geotechnical and material testing and KHEOPS Architecture, Engineering and Survey, DPC (MBE) for land surveying services.

The LiRo-Hill Team possesses unparalleled breadth, depth, experience, and expertise in the areas outlined in your request for proposal (RFP). Our team's experience clearly demonstrates our proven and comprehensive capabilities to execute critical projects of this nature in a timely manner and of the highest quality.

We appreciate the opportunity to submit this proposal and look forward to meeting with the Town of Ulysses to discuss it in more detail. Should you require additional information please feel free to contact me at [koklanosp@liro-hill.com](mailto:koklanosp@liro-hill.com) or (716) 882-5476.

Sincerely,

**LiRo Engineers, Inc.**

Peter Koklanos, PE, SE, Assoc. DBIA, LEED AP BD+C, QRWI, QPSI  
Senior Vice President – Civil/Structural Engineering Business Unit Manager



## Executive Overview & Respondent Profile

LiRo-Hill is a privately held firm that has grown to be one of New York's premier engineering, environmental, and construction management consultants. With a Western New York office at 690 Delaware Avenue in Buffalo, LiRo-Hill has successfully provided engineering design and construction inspection services to many Western New York clients, including work at active public facilities for many local Towns, Cities, Counties and State agencies. In addition to our over 80 local, WNY staff, we have supporting offices throughout New York State; totaling approximately 1,100 personnel, providing multi-disciplinary services to clients throughout the State.

LiRo-Hill's responsibilities for civil related projects have included survey, engineering studies, preliminary and final designs, development of plans and contract documents, bid analysis, and construction supervision. Our parking lot projects often include drainage improvements; stormwater management, landscaping; utility and equipment upgrades; curb, sidewalk, and walkway reconstruction; pedestrian analysis; signage upgrading; landscaping; maintenance and protection of traffic; and environmental considerations.

From design through construction, LiRo-Hill has performed a complete array of services on numerous projects requiring design and construction services to support facility operations, maintenance, and site stewardship. Our methodology involves the integration of controls on cost, schedule, and quality in meeting the Town's concerns, goals, and requirements. LiRo-Hill designs are based upon familiarity with the relevant engineering practices associated with the project and integrated project cost and schedule controls. LiRo-Hill's capacity to integrate "in house" engineering design, environmental, and construction services keeps our designs focused on meeting client's needs efficiently and effectively. Additionally, in the development of a detailed design and construction plans, we consider the impact on long term maintenance concerns along with adjacent landowners as well as the public constituency.

We believe that the planning, design and construction management expertise of our WNY Office personnel make LiRo-Hill the best qualified choice to provide all services required to meet the Town's objectives for the project; and we are confident that the following sections of our proposal demonstrate the level of quality and care which LiRo-Hill provides to all of our clients.

### Project Understanding

We understand that the Town of Ulysses is seeking design and professional services to support construction of the parking lot located at the Town Hall located within the Village of Trumansburg. The parking lot consists of a shared entry with multiple properties (commercial and residential) that use the shared access and parking lot. This request is for consultant services for the conceptual design, final design, construction administration and observation. The Town of Ulysses desires strong consideration of stormwater mitigation design balanced with affordability of installation, long term maintenance and maximized useful life.

We also understand that the Town intends to utilize federally provided State and Local Fiscal Recovery Funds (SLFRF) funds for at least part of the cost of the project. Therefore it will be important that the selected consultant be in charge of ensuring that the process meets timeline requirements as outlined in "Section 5: Project Timeline & Procurement Schedule" of the RFP. This schedule has a milestone of construction contracts ready to be signed before the end of the 2024 year.



LiRo-Hill is confident that we will be able to progress the design and permitting along with a goal of advertising for construction bids by the end of August in order to ensure time for bidding and selection of the contractor and getting construction contracts signed before the end of the year.

### **Conceptual Design Phase**

- a. LiRo-Hill will become familiar with all the existing conditions of the property site where the parking lot is located. We have assumed two meetings on site(s) including meeting minutes to refine the scope of work.
- b. LiRo-Hill will develop stormwater management for the site using as much of the existing features as possible in a general site grading and drainage plan.
- c. LiRo-Hill will provide the Town of Ulysses with a final scope of work (Civil Site & Electrical) ensuring that all issues are addressed.
- d. LiRo-Hill will provide professional guidance as to the most appropriate design solutions, material selections and construction methods.
- e. LiRo-Hill will provide a preliminary cost and time estimate with the Conceptual design.
- f. LiRo-Hill will meet with stakeholders, including neighboring lot owner for communication and negotiations in collaboration with Town Counsel.
- g. LiRo-Hill will plan on attending up to 3 Conceptual design meetings.
- h. LiRo-Hill will provide Conceptual Design documents within 3 week of acceptance of our proposal.
- i. LiRo-Hill will Outline and prepare any permit requirements, including any interaction with the Village of Trumansburg.

### **Final Design Phase**

- a. LiRo-Hill's final preparation of bid documents will include all Conceptual Design changes requested by the Town.
- b. LiRo-Hill will provide a final cost and time estimate with the submission of final bid documents.
- c. LiRo-Hill will prepare the construction documents including but not limited to, complete working drawings and a separate complete specification manual all applicable Federal, State, and local codes and ordinances.
- d. LiRo-Hill will follow all Town requirements in preparing bid documents for construction in compliance with public bidding practices. This includes allowing for full and open competition, not listing brand names without specifying the functions or features required for that product and allowing for "or equal" alternatives.
- e. LiRo-Hill's Final Plans and Specifications will be completed 3 weeks after receiving Town's approval of Conceptual Design documents.

### **Competitive Bid Administration Phase**

- a. LiRo-Hill's Specifications and plans (1 of each) will be provided to the Town as PDFs.
- b. LiRo-Hill will provide written responses to questions raised during the contractor walkthrough, as needed. LiRo-Hill will attend a contractor prequalification meeting (via. MS Teams) to review the validity of the bid and ability to perform the work, provide the Town a letter recommending or not recommending the contractor and explain any differences in the bid cost as compared to the architects estimate.
- c. LiRo-Hill will produce addendums to bid documents, as requested.





### **Construction Administration Phase**

- a. Development of contract between Town and construction contractor in collaboration with Town.
- b. LiRo-Hill will evaluate and process submittals and shop drawings received from contractor.
- c. LiRo-Hill understands that it is expected that the turnaround time for product submittals and shop drawing review will be 10 business days unless other accommodations have been made.
- d. LiRo-Hill will conduct project visitations to verify contractor work performance and that material quality is consistent with the contract documents. LiRo-Hill will submit an inspection report with photos of each visit and advise the Town in writing and verbally of any contract non-compliance or other problems related to the work (LiRo-Hill has assumed 2 random inspections for the project duration).
- e. LiRo-Hill will attend punch-out and create punch-list for contractor to meet job specifications.
- f. LiRo-Hill will perform site visit(s) to ensure all punch list items have been completed per specifications.
- g. LiRo-Hill will investigate, substantiate, and approve (if appropriate) all change order requests.
- h. Provide final as-built drawings

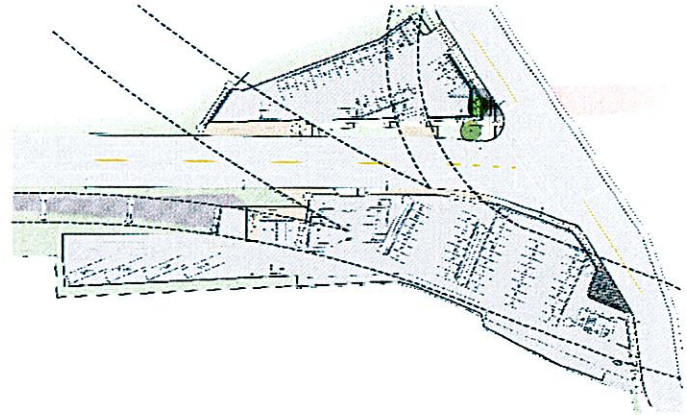
### **Project Close Out Administration**

- a. Final inspection and approval of final payment to construction contractor
- b. Finalize operations and maintenance plan, including future cost projections and analysis, in collaboration with construction contractor

## **Experience with Similar Projects**

### **Buffalo Canalside Parking Lot Renovation**

LiRo-Hill is working with the ECHDC to provide design, bid and construction administration and inspection services related to the design of surface parking infrastructure facilities on two New York State Department of Transportation (NYSDOT) parcels located to the west of Canalside in Buffalo, NY. ECHDC will hold the Use and Occupancy Permits from the NYSDOT for the two existing parking lots. With the development of Canalside and forthcoming mixed-use projects at both the South and North Aud Block sites, ECHDC is looking



at these parcels to maximize parking and back of the house storage. As ECHDC continues to invest public funds into the redevelopment of Canalside, creating public spaces and commercial opportunities, the expectation is an increase in visitors along with the need for suitable parking. The parcels total approximately 1.46 acres and that the lots shall include the following elements:

- 60 secure parking spaces with a fob-access gate in one parking lot
- Maximize the total number of parking spaces Accessible parking spaces
- Improved parking lot perimeters including fencing and landscape features
- Improved surface and site drainage
- Added site lighting
- Area for ECHDC storage containers and Canalside “back of house” operation





### Erie County Correctional Facility Parking Lots and Access Road Rehabilitation

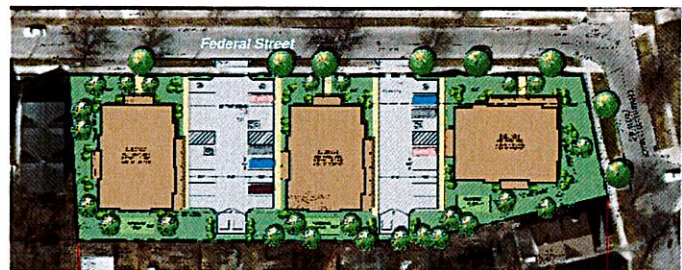
LiRo-Hill was selected by the Erie County Department of Public Works, Division of Building and Grounds, to provide engineering services in progressing a complete design package for contractor bidding and providing construction administration support for Erie County Correctional Facility (ECCF) Parking Lots and Access Road Reconstruction-Phase I. In addition to the rehabilitation work at the two existing parking lots, LiRo-Hill also design a new parking lot for overflow parking of the visitor lot. All drainage issues with the parking lots were addressed with the rehabilitation design. ADA ramp upgrades were designed and constructed at all sidewalk entrances to the existing parking lots.



Engineering work performed to complete this project included field reconnaissance to assess existing conditions; detail plan preparation; preparation of final plans, specifications, and cost estimate; and construction administration phase support. LiRo-Hill progressed the design and bid package adhering to a very a tight time line and a constrained budget that enabled the County to get competitive bids below the program amount while meeting all goals and objectives. The construction administration phase support required review of all contractor submittals, shop drawing and material product data sheets. Progress meeting were conducted, site inspections were performed and project issues were addressed in a timely manner. All Change Orders, pay applications and final contractual requirements were efficiently addressed and processed.

### Engineering Services for Scattered Site Parking Lot Projects

LiRo-Hill provided Engineering Services for Parking Lot Projects at eight Rochester Housing Authority sites throughout the City of Rochester. LiRo-Hill had geotechnical cores taken from all sites except for two which had recent asphalt replacements. We provided Topographical Survey Maps for all eight sites. LiRo-Hill worked with the RHA to determine how much sidewalk replacement was necessary at each site. LiRo-Hill's designs included both mill/resurface and full excavation, based on the results of the geotechnical investigation reports. LiRo-Hill also designed ADA compliant striping plans for each site, along with developing repair/seal/stripe designs for parking lots that had recent asphalt. Based on the geotechnical reports mill/resurface designs was provided for parking lots with sufficient subbase, while full excavation/replacement designs were developed for parking lots determined to have insufficient subbases. Sidewalk replacement, curbing, and bollard designs were developed where needed for each site.





### LiRo-Hill Value-Added

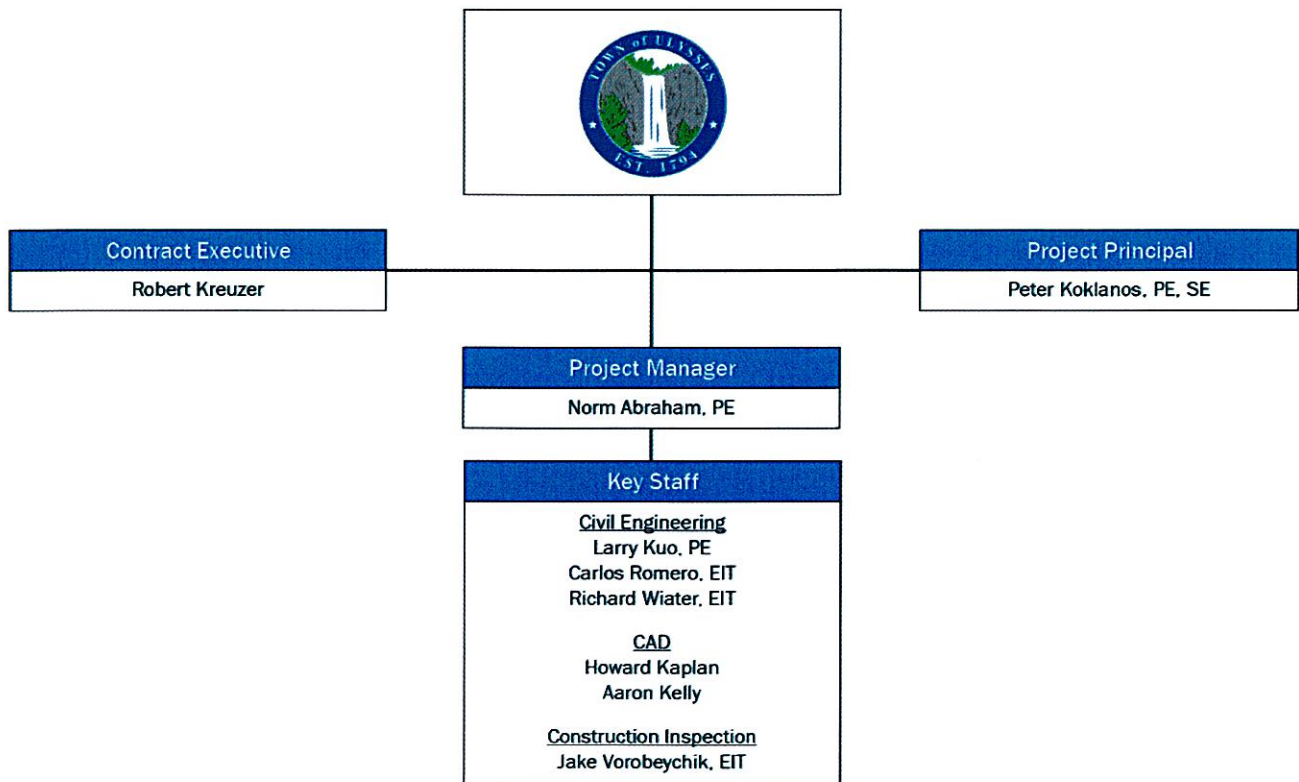
LiRo Engineers, Inc. is a NYS licensed professional engineering firm. LiRo-Hill is also NYSDOL licensed to perform asbestos and mold services and USEPA licensed to perform lead-based paint services. Additionally, LiRo-Hill, through our affiliate firms is licensed to provide geology services, land surveying services, and architecture services.

In addition to these relevant attributes, and probably most unique among our competition, is that LiRo-Hill can provide the Town with a highly diversified compliment of professional services in-house, including construction management, civil/structural/mechanical/electrical engineering, environmental consulting, and architectural services.

### Key Staff and Organization Chart

In the final analysis, the success of any management plan is directly related to the abilities and proven experience of the key personnel dedicated to the project and the organizational framework within which they operate. The proposed management team has a proven track record in implementing similar projects. With the submission of this proposal, we are offering and committing to the project the best qualified team and associated resources necessary to bring it to a successful completion on schedule and within budget.

### Organizational Chart







**Panagiotis (Peter) Koklanos, PE, SE, Assoc. DBIA, LEED AP BD+C, Project Principal**, Mr. Koklanos has nearly 20 years of civil engineering experience encompassing design and administration of projects of various size and complexity and leads LiRo-Hill's building civil/structural design team. His technical specialties have included: major building and site/civil capital improvement projects at higher education, institutional, and healthcare facilities, parking lot and parking garage layout and reconstruction, stormwater green infrastructure practices, major roadway raising and reconstruction efforts, port terminal facilities, park restoration projects, roadway and stormwater management, and materials testing. Throughout his career, he has served in the following capacities: Principal, Project Manager, Civil Engineer, Structural Engineer, Resiliency Engineer, and Sustainability Consultant.

**Norman Abraham, PE, Project Manager**, Mr. Abraham has extensive experience in transportation engineering over a 33 year career with New York State Department of Transportation. His work in such roles as Resident Engineer, Lead Designer and EIC, Resident Program Manager (Asset Manager), and Project Manager/Design Job Manager have primarily been focused in the upstate New York region. He has managed complex projects involving many stakeholders including Public Groups, State and Federal Agencies, Railroads, Local Government Agencies, and Authorities. He has also worked as the Project Manager or Lead Designer on many DOT facility site redevelopment projects and private site development/ redevelopment projects in the Western New York area. Mr. Abraham has a working knowledge of OGS, NYSDOT, FHWA and DEC policies and procedures including the NYS Building Code, NYS Stormwater Management Design Manual, Highway Design Manual, AASHTO Highway and Bridge standards. The DOT facility sites, and private site development projects were designed to address site drainage, water quality and landscape/green space requirements. Additional considerations included employee and customer parking layout and design incorporating pedestrian and ADA access in addition to the need for DOT staging areas, salt storage, internal traffic circulation and signage. Site security and construction phasing were also priorities since the typical redevelopment sites could not be shut down during construction.

**Lawrence Kuo, PE, Civil Engineer**, Mr. Kuo has more than 25 years of experience as a Civil Engineer. His experience includes management of municipal and private client projects, preparation of proposals and budgets, design and supervision of staff throughout all phases of the project. He has done significant work for Nassau County's Public Works, including on the fast-tracked Replacement of NCPD 2nd Precinct, which had been gutted by a fire late in 2022. In an effort to accelerate the schedule to meet the County's planned completion date, LiRo Designers and Construction Managers have identified several opportunities to strategically phase the project. Mr. Kuo also served on the parking lot resurfacing at the County Court complex in Mineola, which included repairs to and studies on Parking Field 14 such as evaluation and resurfacing of the pavement, repair or replacement of curbs and parking islands, accessibility review and design of additional handicap spaces and accessible paths. Mr. Kuo's software knowledge includes Microsoft Project, Primavera, HydroFlow, StormCad, AutoCAD, MicroStation, Microsoft Office and Excel.

**Carlos Romero, EIT, Civil Engineer**, Mr. Romero has over five years of civil engineering design experience. One of his first assignments since joining LiRo-Hill was on a planned sewage collection system for Suffolk County. He has also provided civil engineering services for several parks, including the Town of Oyster Bay Field of Dreams, and the Town of North Hempstead Michael J. Tully Park. His experience also includes the SCDPW Reconstruction of CR40, Three Mile Harbor Road, and the Town of Babylon Wyandanch Rising Phase II, including the preparation of preliminary and final roadway design and grading plans.





**Richard Wiater, EIT, Civil Engineer**, Mr. Wiater started building his experience with the City of Cambridge Department of Public Works, as a project engineer intern creating schematic sketches and performing detailed topographic level run and field surveys. With Suffolk Construction, he analyzed the quality of project schedules and consolidated construction scheduling information into a dataset. His computer skills are Primavera 6, Civil3D, AutoCAD, ArcGIS, MATLAB, and Python.

**Howard Kaplan, CAD Technician**, Mr. Kaplan has used CAD to prepare plans for hundreds of surveying, highway, drainage, site planning, and road rehabilitation projects for nearly 25 years. Municipal clients include Nassau and Suffolk Counties, the Town of Oyster Bay, the City of Glen Cove, and the Long Island Rail Road. Mr. Kaplan's computer experience includes AutoCAD, Land Development Desk Top software, and MicroStation.

**Aaron Kelly, CAD Technician**, Mr. Kelly has over 20 years of professional drafting and design experience. He has been assigned to various projects involving the design of highway and bridges, site demolition/construction, site investigations, asbestos surveys, remediation systems, and other environmental surveying.

**Yevgeniy (Jake) Vorobeychik, Inspector**, Mr. Vorobeychik has technical experience developing engineering designs for a wide range of environmental and civil projects. His design experience includes petroleum storage tanks, road and highway design as well as site/civil design. He has experience providing material testing inspection for construction projects. His experience for testing construction materials includes concrete, asphalt and soils for quality control and quality assurance on construction sites. He has also provided construction inspection services for projects.





## Robert Kreuzer

### Project Executive

#### Education

B.S., Geological Science, State University of New York College at Buffalo

#### Licenses

Professional Geologist, New York

#### Certifications

OSHA 40 Hazwoper Certified

OSHA 30 Certified

OSHA 10 Certified

OSHA Confined Space Entry Certified

NYSDEC DER-25 Certified

#### PROFESSIONAL PROFILE

Mr. Kreuzer is a LiRo Senior Vice President and LiRo's Western New York Manager. He has more than 30 years of experience providing comprehensive environmental and hazardous waste consulting, brownfield site redevelopment and industrial decommissioning and demolition. He has served as project principal on a diverse range of projects throughout the Northeast including; comprehensive environmental services, professional engineering, resident engineering inspection, and construction management services to a wide range of public and private clients.

Mr. Kreuzer's diverse consulting experience managing a wide range of services includes projects involving site/civil design and redevelopment, and construction inspection services. Mr. Kreuzer has served as the Principal for numerous highway and site design projects as well as many contracts for resident engineering and construction inspection/administration services throughout Western New York. He has extensive experience in performing and managing assessment projects as well as planning, designing and implementing site renovation, rehabilitation and redevelopment projects.

#### EXPERIENCE

**Erie Canal Harbor Development Corporation – Buffalo Outer Harbor Wilkeson Pointe Park Improvements:** Project Principal for the redevelopment design of two parcels on Fuhrmann Boulevard located on the Outer Harbor in Buffalo, New York. The project consisted of preparing approximately 15 acres for future development along with providing amenities for public access. The work included shoreline enhancements, public walkways and bike paths, water taxi docking facilities, landscape features, parking, site lighting and the rehabilitation of an existing metal building for use as a comfort station and storage building. Landscape features included rain gardens and retention ponds for runoff. Previous site usage and contamination required placement of an earthen cap over the entire site and removal of an underground petroleum storage tank and the associated piping.

**Erie County Department of Public Works, Erie County Correctional Facility Parking Lot and Access Road Reconstruction, Alden NY, Project Executive** - Reconstruction and improvement of the existing asphalt parking lots and access road at the Erie County Correctional Facility. The project was executed in two phases, the first phase addressed the parking lot with 50+ spaces including handicap designations for correction employees and a visitor lot consisting of 75+ spaces with Handicap space accommodations. The scope of work for Phase one included the complete reconstruction of the asphalt lot with subbase and subgrade improvements. New storm water drainage design, concrete curb repairs, new multi-course asphalt concrete with new stripping, signage, and ADA accommodations. Phase II involved the reconstruction of a visitor overflow parking lot and expansion to provide additional parking accommodation from 25+ vehicles to 45+ vehicles. The scope of work involve rehabilitating the existing asphalt parking lot, reconstructing drainage structures, new construction for the parking lot expansion with complete striping, signage, and ADA accommodations.

**Erie Canal Harbor Development Corporation – Buffalo Outer Harbor Wilkeson Pointe Park Improvements:** Project Principal for the redevelopment design of two parcels on Fuhrmann Boulevard located on the Outer Harbor in Buffalo, New York. The project consisted of preparing approximately 15 acres for future development along with providing amenities for public access. The work included shoreline enhancements, public walkways and bike paths, water taxi docking facilities, landscape features, parking, site lighting and the rehabilitation of an existing metal building for use as a comfort station and storage building. Landscape features included rain gardens and retention ponds for runoff. Previous site usage and contamination required placement of an earthen cap over the entire site and removal of an underground petroleum storage tank and the associated piping.



# Peter Koklanos, PE, SE, Assoc. DBIA, LEED AP BD+C

## Technical Principal

### Education

B.S., Civil Engineering, Syracuse University

M.S., Civil and Environmental Engineering, Stanford University

### Licenses/Registrations

Professional Engineer, New York

Professional Engineer, Oregon

Professional Engineer, New Jersey

Professional Structural Engineer, California

Professional Structural Engineer, Massachusetts

Professional Structural Engineer, Illinois

Professional Civil Engineer, California

Professional Engineer, Connecticut

Professional Engineer, Rhode Island

### Certifications

Associate Design-Build Professional

California OES Safety Assessment Program

Qualified Parking Structure Inspector

Qualified Retaining Wall Inspectors

### PROFESSIONAL PROFILE

Mr. Koklanos has nearly 20 years of structural engineering experience encompassing design and administration of projects of various size and complexity and leads LiRo-Hill's building civil/structural design team. His technical specialties have included: major building and site/civil capital improvement projects at higher education, institutional, and healthcare facilities, parking lot and parking garage layout and reconstruction, stormwater green infrastructure practices, major roadway raising and reconstruction efforts, port terminal facilities, park restoration projects, roadway and stormwater management, and materials testing.

### EXPERIENCE

#### County of Monroe Department of Transportation, Term Contract 2020-2024, Principal in Charge

LiRo provided On-Call Civil Engineering, Site Improvement, Transportation Design and Construction Inspection Services for multiple MCDOT projects. LiRo prepared construction documents for bidding in accordance with county and state DOT standards and provided Construction Administration/Construction inspection services. They include the following assignments:

- Traffic Signalization & Mast Arm Design – 4 Intersections
- 2021 Highway Maintenance Project
- Brick Schoolhouse Road Culvert Rehabilitation

#### Nassau County Department of Public Works, On-Call Engineering Services, Field 14 & South Drive, Mineola, NY, Principal –

The scope of this project was to reconstruct a major parking lot, South Drive and make drainage improvements at the Nassau County Court complex in Mineola. Scope of repairs and studies included but were not limited to: evaluation and reconstruction of the pavement, repair or replacement of curbs and parking islands, accessibility review and design of additional handicap spaces and accessible paths, design of safe and pedestrian friendly paths crossing South Drive, drainage inspections and design to improve the existing systems and eliminate ponding, lighting upgrades to convert to LED fixtures, new way finding signage, as well as evaluation of the existing trees. LiRo provided engineering services to improve the driveways to the parking lot to reduce conflict points and provided a drainage design.

#### Westchester County Department of Public Works, Rye Playland Upgrades, NY, Principal In Charge -

LiRo is providing architectural and engineering design, construction administration and program management services for the Rye Playland Rehabilitation and Upgrades project for Westchester County DPW. Project includes the replacement of existing incoming switchgear including the construction of a new switchgear building and installation of new primary electrical service; rehabilitation of the historical carousel, derby racer ride and arcade, including structural stabilizations, roofing replacement, upgrades to MEP systems; and the rehabilitation and redesign of the main parking lot, including restriping, milling and paving, and installation of new ticket booths, islands, landscaping, bioswales and drainage systems. (\$27 million)

#### State University Construction Fund, SUNY Oneonta Replace Underground Electrical Feeder Distribution, Oneonta, NY, Principal In Charge -

The existing campus-wide underground electrical feeder system, which supplies power to various buildings on campus, needed to be updated and replaced to improve its reliability and capacity. The scope of work includes demolishing the existing underground electrical feeder system, including any conduit, duct banks, and related equipment, and providing new trenches that will be excavated to install new electrical conduits, duct banks, and equipment. LiRo will install new electrical equipment, including transformers, switchgear, and other components necessary to supply power to the campus. LiRo prepared all required electrical design and civil plans. The design provided site restoration, including backfilling and compaction of trenches, restoration of disturbed surfaces, and paving.



## Norm Abraham, PE

### Project Manager

#### Education

Bachelor of Science, Civil Engineering, Youngstown State University, Ohio

#### Licenses and Registrations

Registered Professional Engineer, New York since 1994, #070845

#### Training

Leadership Training for Management Engineers - NYSDOT

Incident Command System (ICS 100 thru 400) - FEMA

Team Building – NYSDOT

Managing Meetings and Public Involvement – FHWA

Hydraulic Vulnerability Assessment of Bridges and Culverts - NYSDOT

Pavement Preservation – Pavement Treatments for Preventive Maintenance - NHI

EIC Training

SPDES Phase I and II – NYSDOT Environmental Training

#### PROFESSIONAL PROFILE

Mr. Abraham has extensive experience in multiple facets of Civil Engineering extending over his 35-year career, including highway/road design, site layout, stormwater management, parking facilities, garage facilities, and bridge design. Starting with the New York State Department of Transportation (NYSDOT, 33-years) in capacities as a designer, project manager, and facilities manager. He has also worked as an independent consultant on site development, building inspection, design, and rehabilitation projects. These projects have involved inspection and condition assessment of older facilities, including structural evaluations, and repurposing space in commercial/retail buildings, apartment buildings, youth and senior care facilities, as well as industrial sites. Mr. Abraham also has experience with creating evaluation reports for accessory structures on these sites, including retaining walls and storage facilities.

#### EXPERIENCE

**New York State Department of Transportation, North Erie/Niagara Residencies, Buffalo, NY, Resident Engineer** - Mr. Abraham was responsible for Project Management on NYSDOT's Locally Administered Federal Aid program. Responsible for ensuring that projects advanced by the county and local municipalities comply with state and federal regulations including stakeholder and public involvement. Mr. Abraham was responsible for the review and coordination of the Request for Qualifications and scope of work. He reviewed and recommended approval of design reports, plans, bid documents and construction documents for numerous highway and bridge projects in Western NY. State Agency reviews and approval included NYSDOT, NYSDEC, NYS Parks Recreation and Historic Preservation. SEQA documentation and determination of effect was also provided as part of this process. Federal Agency review and approval by FHWA, US EPA, US FWS, and US Army Corps of Engineers.

#### Project Manager/Lead Engineer

**881 Broadway Avenue Site Redevelopment – City of Buffalo**

**770 Military Road Site Redevelopment – City of Buffalo**

**100 Stradtman Avenue Parking/Storage Area – Town of Cheektowaga**

**26 Cooper Avenue Site Redevelopment – Town of Tonawanda**

Mr. Abraham performed hydraulic analysis for the listed sites, wrote the stormwater management plan, and Engineers Report for the projects. The report addressed the five-step process for Stormwater Management Planning as outlined in Chapter 3 of The NYSDEC Stormwater Management Design Manual.

1. Site planning to preserve natural features.
2. Calculation of Water Quality Volume for the site.
3. Incorporation of Green Infrastructure techniques and standard SMPs with Runoff Reduction Volume (RRv) capacity.
4. Use of standard SMPs to treat a portion of water quality volume.
5. Design of volume and peak rate control practices where required.

Mr. Abraham prepared and certified the Site Plans for review and approval by the municipalities. The Site Plans incorporated streetscape planting along adjacent Streets. Bioretention areas were used to address water quality and an underground detention area was designed to address stormwater runoff. The sites were designed to meet the municipalities stormwater runoff criteria. Parking spaces, drive aisles, ADA parking and loading, building setbacks, sidewalks and green space were designed in accordance with the municipalities building and zoning codes.

**Erie County Maintenance Facility, Cemetery Road, Lancaster New York, Senior Civil/Structural Engineer** - Work included site redevelopment and building project for Erie County. The Site Plan and Stormwater Management plan tasks performed were similar to those listed above. Mr. Abraham also reviewed the design calculations, plans and specifications for the pre-engineered metal building used in the truck bay and shop areas. He also provided engineering review and approval of contractor's shop drawings.



## Lawrence Kuo, PE

Senior Civil Engineer

### Education

B.S., Civil Engineering, The City  
College of New York

### Licenses/Registrations

Professional Engineer, New York

### PROFESSIONAL PROFILE

Mr. Kuo has more than 25 years of experience as a Civil Engineer. His experience includes management of municipal and private client projects, preparation of proposals and budgets, design and supervision of staff throughout all phases of the project. He is an expert as site design, sign planning, parking layout, site ADA compliance, vehicle turning/maneuvering, NYS building and fire code compliance, and stormwater management. In an effort to accelerate the schedule to meet the County's planned completion date, LiRo Designers and Construction Managers have identified several opportunities to strategically phase the project. Mr. Kuo also served on the parking lot resurfacing at the County Court complex in Mineola, which included repairs to and studies on Parking Field 14 such as evaluation and resurfacing of the pavement, repair or replacement of curbs and parking islands, accessibility review and design of additional handicap spaces and accessible paths. Mr. Kuo's software knowledge includes Microsoft Project, Primavera, HydroFlow, StormCad, AutoCAD, MicroStation, Microsoft Office and Excel.

### EXPERIENCE

**Nassau County Department of Public Works, On-Call Engineering Services, Field 14 & South Drive, Mineola, NY** – The scope of this project was to reconstruct a major parking lot, South Drive and make drainage improvements at the Nassau County Court complex in Mineola. Parking Field 14 repairs and studies included but were not limited to: evaluation and resurfacing of the pavement, repair or replacement of curbs and parking islands, accessibility review and design of additional handicap spaces and accessible paths, design of safe and pedestrian friendly paths crossing South Drive, drainage inspections and design to improve the existing systems and eliminate ponding, lighting upgrades to convert to LED fixtures, new way finding signage, as well as evaluation of the existing trees. South Drive repairs and studies included but were not limited to a similar scope as Parking Field 14, with evaluation and rehabilitation of the existing roadway, correction of any grading issues related to storm water runoff, inspection of accessible compliance and design of corrective measures for ramps, walks and all accessible paths, relocation of utilities as necessary, evaluation and replacement as necessary of curbs, trees, driveway aprons as well as review of the existing drainage and design for any necessary improvements. LiRo provided engineering services to improve the driveways to the parking lot to reduce conflict points and provided a drainage design. A raised island was designed in South Drive for traffic calming.

**Westchester County Department of Public Works, Rye Playland Upgrades, NY** - LiRo is providing architectural and engineering design, construction administration and program management services for the Rye Playland Rehabilitation and Upgrades project for Westchester County DPW. Project includes the replacement of existing incoming switchgear including the construction of a new switchgear building and installation of new primary electrical service; rehabilitation of the historical carousel, derby racer ride and arcade, including structural stabilizations, roofing replacement, upgrades to MEP systems; and the rehabilitation and redesign of the main parking lot, including restriping, milling and paving, and installation of new ticket booths, islands, landscaping, bioswales and drainage systems. (\$27 million)

**North Shore LIJ Healthcare System, Southside Hospital Parking Lot Expansion, Islip, NY, Project Manager** - LiRo engineers performed surveying and site civil engineering services to prepare construction documents and obtain site plan approval from the Town of Islip for the expansion of the existing parking areas and driveways that were associated with the land swap. In addition to the facility relocation, new lots were acquired to add over 250 new parking spaces. As such, all work was in compliance with Site Plan Regulations of the Town of Islip. LiRo surveyors performed a topographic survey in the area of new work, which included the location of existing sanitary and drainage facilities that are within the vicinity of the area.



## Carlos Romero, EIT

Civil Engineer

### Education

B.E., Civil Engineering, SUNY Stony Brook University

A.A.S., Civil Engineering, Nassau Community College

### Licenses/Registrations

Engineer-In-Training, New York

### Certifications

OSHA 10 Certified

### PROFESSIONAL PROFILE

Mr. Romero has over five years of civil engineering design experience. One of his first assignments since joining LiRo was on a planned sewage collection system for Suffolk County. He has also provided civil engineering services for several parks, including the Town of Oyster Bay Field of Dreams, and the Town of North Hempstead Michael J. Tully Park. His experience also includes the SCDPW Reconstruction of CR40, Three Mile Harbor Road, and the Town of Babylon Wyandanch Rising Phase II, including the preparation of preliminary & final roadway design and grading plans.

### EXPERIENCE

**Nassau County Department of Public Works, On-Call Engineering Services, Field 14 & South Drive, Mineola, NY** – The scope of this project was to resurface a parking lot, South Drive and make drainage improvements at the Nassau County Court complex in Mineola. Parking Field 14 repairs and studies included but were not limited to: evaluation and resurfacing of the pavement, repair or replacement of curbs and parking islands, accessibility review and design of additional handicap spaces and accessible paths, design of safe and pedestrian friendly paths crossing South Drive, drainage inspections and design to improve the existing systems and eliminate ponding, lighting upgrades to convert to LED fixtures, new way finding signage, as well as evaluation of the existing trees. South Drive repairs and studies included but were not limited to a similar scope as Parking Field 14, with evaluation and rehabilitation of the existing roadway, correction of any grading issues related to storm water runoff, inspection of accessible compliancy and design of corrective measures for ramps, walks and all accessible paths, relocation of utilities as necessary, evaluation and replacement as necessary of curbs, trees, driveway aprons as well as review of the existing drainage and design for any necessary improvements. LiRo provided engineering services to improve the driveways to the parking lot to reduce conflict points and provided a drainage design. A raised island was designed in South Drive for traffic calming.

**Town of Oyster Bay DPW, Highway Improvements, Intervale Avenue, Farmingdale, NY, Civil Engineer** - LiRo was retained to prepare a report assessing the current deteriorated roads of the area, comparing alternatives for repair, and recommending the most effective method. Recommendations included ADA compliant pedestrian ramps, upgraded drainage system, mixed in place asphalt, monolithic curb and gutter and new driveway aprons. The services provided by LiRo also include a survey of the project area. The ground survey work will establish baselines that serve as the network to provide data of topographic conditions and utility positions for use in design applications. The supplemental survey work to investigate sanitary sewer and storm water drainage determined pipe inverts elevations and structure capacities. (\$290,000)

**Nassau County Department of Public Works, Priority Road Resurfacing, Phase 8 (Task Order 33), NY, Civil Engineer** - LiRo provided study, investigation/inspection, ADA compliance, drainage review, coordination with adjacent agencies and towns, utility locating, testing, engineering design, accident analysis, traffic loops, AutoCAD drafting, maintenance and protection of traffic plans, scheduling, design review and other design related tasks for the Priority Resurfacing Phase 8 highway repair and improvement project. Various roads totaling approximately 50 lane miles have been included under Phase 8. The scope of work involves the rehabilitation of existing roads to extend their service life and provide the appropriate pavement ride quality.



# Richard Wiater, EIT

Junior Engineer

## Education

B.S., Civil Engineering, Northeastern University

## Licenses/Registrations

Engineer-In-Training, New York

## Certifications

OSHA 10 Certified

## PROFESSIONAL PROFILE

Mr. Wiater started building his experience with the City of Cambridge Department of Public Works, as a project engineer intern creating schematic sketches and performing detailed topographic level run and field surveys. With Suffolk Construction, he analyzed the quality of project schedules and consolidated construction scheduling information into a dataset. His computer skills are Primavera 6, Civil3D, AutoCAD, ArcGIS, MATLAB, and Python.

## EXPERIENCE

**State University Construction Fund, SUNY Oneonta Replace Underground Electrical Feeder Distribution, Oneonta, NY, Junior Engineer** - The existing underground electrical feeder system, which supplies power to various buildings on campus, needs to be updated and replaced to improve its reliability and capacity. The scope of work includes demolishing the existing underground electrical feeder system, including any conduit, duct banks, and related equipment, and providing new trenches that will be excavated to install new electrical conduits, duct banks, and equipment. The scope also includes installing new electrical equipment, including transformers, switchgear, and other components necessary to supply power to the campus. LiRo prepared all required electrical design and civil plans. The work will be centered on the primary goal of replacing five existing 5kV feeders with five new 15kV feeders. The design provided site restoration, including backfilling and compaction of trenches, restoration of disturbed surfaces, and paving. As part of this project, LiRo will test and commission the new electrical feeder system to ensure it operates safely and effectively.

**Town of Hempstead, Road Resurfacing Program, NY, Junior Engineer** - LiRo performed civil engineering services for the Town's 2023 road resurfacing program. Scope of work includes overseeing the contractor's work, preparing daily reports, and approving payment requisitions. The road program saw the completion of over 20 roads and several lane miles of repaving, mostly completed through mill and pave operations along with concrete flatwork improvements.

**Boston Public School, O'Donnell Elementary School Playground Redesign, Boston, MA, Engineer** - LiRo has been awarded this contract through a Boston Public School contract to redesign the elementary school's playground area. The project is approximately 27,000 square feet in size and the total budget is including design and construction costs. LiRo is acting as the Project Manager and providing Civil Engineering efforts along with subconsultant VHB, which will be acting as the Surveyor, Landscape Architect, and Permitter. The anticipated scope of the playground includes all new playground equipment, new surfacing, site furniture, along with ADA access and drainage improvement. The overall theme of each playground will be important to integrate each of the site elements in a thoughtful manner, enhancing the place-making process that will directly complement the school's need along with each surrounding community. Civil engineering efforts will aim to develop the site in such a manner to minimize and negate any impact to the stormwater management system as well as include the system with the use of potential green infrastructure practices. (\$1.4 million)

**Suffolk Construction, Roxbury, Massachusetts, Construction Planning Analytics Intern (Northeastern Co-Op), June 2022 – January 2023**

**City of Cambridge Department of Public Works, Cambridge, Massachusetts, Project Engineer Intern (Northeastern Co-Op), July – December 2021**





## Aaron Kelly

CAD Technician

### Education

A.A.S., Computer Aided Drafting, ITT  
Technical Institute

### PROFESSIONAL PROFILE

Mr. Kelly has over 20 years of professional drafting and design experience. He has been assigned to various projects involving the design of highway and bridges, site demolition/construction, site investigations, asbestos surveys, remediation systems, and other environmental surveying.

### EXPERIENCE

**Erie County Department of Public Works, Erie County Correctional Facility Parking Lot and Access Road Reconstruction, NY** - This project included reconstruction and improvement of the existing asphalt parking lots and access road at the Erie County Correctional Facility. The project was executed in two phases, the first phase completed in 2015, addressed the parking lot on the north side of the site and the second phase addressed the access road on the campus. The scope of work included complete removal of the existing asphalt to the sub-base and installation of new asphalt, new storm water drainage design, curb repairs, stripping and signage.

**Erie Canal Harbor Development Corporation (EDHDC) - Buffalo Outer Harbor Parcel, OH Site Improvements:** CAD Technician for the redevelopment design of 175 and 275 Fuhrmann Boulevard located on the Outer Harbor in Buffalo, NY. The project consists of preparing approximately 20 acres for future development along with providing amenities for public access. The work included shoreline enhancements, public walkways, water taxi docking facilities, capping the existing site, removal of a 5,000-gallon UST, landscape features, parking, site lighting, and the rehabilitation of an existing metal building for use as a comfort station and storage building.

**Dormitory Authority of the State of New York, Contract for Professional Services, NY** - In conjunction with the Dormitory Authority Code Compliance staff, LiRo provided asbestos and lead-based paint project consultation and daily contractor oversight enforcing all applicable EPA, NYS DOL, and Local Laws for the renovation and modernizing/restoration of various building upgrades. Project work includes more than 15 facilities, including Harlem Hospital, Elmhurst Hospital, Jacobi Hospital, Bellevue Hospital, Woodhull Hospital, Lincoln Hospital, Kings County Hospital, Medgar Evers College, Bronx Family Criminal Courthouse, Bronx Community College, Coler Memorial Hospital, Goldwater Hospital and La Guardia Community College-Parking Garage, Elevator Upgrade, Facade Rehabilitation & ADA Lift project(s), Pilgrim Psychiatric Center Steam Tunnel(s) total renovation, Brooklyn DDSO 888 Fountain Avenue Bathroom & Window Projects, Queens DDSO Project, College of Staten Island Project(s), Sagamore Psychiatric Center project(s), SUNY Maritime College, Hunter College-Exterior Modernization project, Queens College-Jefferson Hall, and City College-Shepard Hall. The general scope consisted of interpretation and implementation of DASNY regulations and Site Specific procedures for the abatement of asbestos and removal of lead-based paint and PCB caulking. The work was comprehensive and included Surveys, Designs, and oversight of multiple construction phases.

**State University Construction Fund, State University of New York University at Buffalo, UST Program, NY:** Mr. Kelly drafted the contract documents. The project included investigation and remediation of USTs for various emergency generators throughout the UB North Campus.

**College Town Redevelopment, College Town Rochester, LLC, Rochester, NY:** CAD Technician for Environmental Consulting Services for the redevelopment environmental due diligence for the College Town redevelopment project adjacent to the University of Rochester. The developer wanted to understand the level of potential environmental concern, plan for future development and construction, and develop probable costs associated with construction impacted by the recognized environmental conditions (RECs) at the 16 acre parcel. Work consisted of Phase I and II ESAs including test pits, soil boring and monitoring wells laboratory analysis, and reports recommending cautionary construction recommendations.



## Howard Kaplan

Senior CAD/BIM Technician

### Education

A.O.S, AutoCad, Briarcliffe College

### PROFESSIONAL PROFILE

Mr. Kaplan has used CAD to prepare plans for hundreds of surveying, highway, drainage, site planning, and road rehabilitation projects for nearly 25 years. Municipal clients include Nassau and Suffolk Counties, the Town of Oyster Bay, the City of Glen Cove, and the Long Island Rail Road. Software experience includes AutoCAD, Land Development Desk Top software, and MicroStation.

### EXPERIENCE

**Long Island Rail Road Parking Lots, NY, CADD Drafter** – Mr. Kaplan prepared storm water drainage plans for the expansion of LIRR parking lots at the following stations: Port Jefferson, Huntington, Farmingdale, Westbury, Babylon, and Lynbrook.

**State University Construction Fund, SUNY Oneonta Replace Underground Electrical Feeder Distribution, Oneonta, NY, CAD** - The existing underground electrical feeder system, which supplies power to various buildings on campus, needs to be updated and replaced to improve its reliability and capacity. This project is being delivered as a design-build, and LiRo is a subconsultant to EJ Electrical, providing electrical and civil engineering designs. The scope of work for this project includes demolishing the existing underground electrical feeder system, including any conduit, duct banks, and related equipment, and providing new trenches that will be excavated to install new electrical conduits, duct banks, and equipment. The scope also includes installing new electrical equipment, including transformers, switchgear, and other components necessary to supply power to the campus. LiRo prepared all required electrical design and civil plans. The work will be centered on the primary goal of replacing five existing 5kV feeders with five new 15kV feeders. The design provided site restoration, including backfilling and compaction of trenches, restoration of disturbed surfaces, and paving. As part of this project, LiRo will test and commission the new electrical feeder system to ensure it operates safely and effectively.

**Middlesex County, Replacement of Culvert 1-C-124 Orchard Avenue over Mill Brook, Edison, NJ, CAD**- LiRo was selected to perform design services for the Replacement of Culvert 1-C-124 Orchard Avenue over the Tributary of Mill Brook, in the Township of Edison and Borough of Metuchen. LiRo will be providing field survey, roadway design, traffic design, geotechnical engineering, hydraulics, hydrology, scour analysis, and stormwater management services for this project. As part of the Phase I submission, LiRo prepared and submitted, for the County's review and comments, a preliminary and final Structure Type Study Report, which evaluated replacement alternatives. Three (3) alternatives were evaluated and presented for consideration by the County.

**Siemens-Sunrise Wind, Onshore Converter Station, Holbrook, NY, CAD** – LiRo is developing plans for three new buildings in Holbrook, NY, to serve as an onshore converter station in conjunction with an offshore wind turbine plant off the North Shore of Long Island. In addition to these three buildings, there are numerous outdoor structures for which LiRo is aiding in designing the superstructure and substructure. This project has heavily utilized the software Revit, in which numerous disciplines & entities working on the project are able to collaborate & identify conflicts.

**Town of Oyster Bay DPW, Highway Improvements, Intervale Avenue, Farmingdale, NY, CAD** - LiRo was retained to prepare a report assessing the current deteriorated roads of the area, comparing alternatives for repair, and recommending the most effective method. Recommendations included ADA compliant pedestrian ramps, upgraded drainage system, mixed in place asphalt, monolithic curb and gutter and new driveway aprons. The services provided by LiRo also include a survey of the project area. The ground survey work will establish baselines that serve as the network to provide data of topographic conditions and utility positions for use in design applications. The supplemental survey work to investigate sanitary sewer and storm water drainage will determine pipe inverts elevations and structure capacities. (\$290,000)



# Yevgeniy (Jake) Vorobeychik

## Construction Inspector

### Education

B.S., Civil Engineering,  
SUNY at Buffalo

A.S., Civil Engineering,  
Monroe Community College

### Certifications/Licenses

SWPPP Certified

OSHA 10 Certified

Nuclear Gauge Certification

ACI Grade I

### PROFESSIONAL PROFILE

Mr. Vorobeychik has technical experience developing engineering designs for a wide range of environmental and civil projects. His design experience includes petroleum storage tanks, road and highway design as well as site/civil design. He has experience providing material testing inspection for construction projects. His experience for testing construction materials includes concrete, asphalt and soils for quality control and quality assurance on construction sites. He has also provided construction inspection services for projects.

### EXPERIENCE

**NYSDPRHP, Niagara Falls State Park Visitors Center:** Mr. Vorobeychik served as a Construction Inspector for a project win which LiRo is serving as Construction Manager for the construction for a new, \$46 million state-of-the-art visitor center in Niagara Falls State Park. The new 28,000 sf facility will be a gateway to adventure along the Niagara River Corridor, greatly improving the visitor experience, complementing nature, and increasing the length of visits within the park in all four seasons. The newly built center will welcome new and returning sightseers, enhancing awareness of regional recreational and cultural offerings. Enhanced site amenities include new accessible paths; plantings; outdoor exhibits, and interpretive and wayfinding elements.

**Erie Canal Harbor Development Corporation – Buffalo Waterfront A/E/CM Term Contract:** Mr. Vorobeychik served as Engineer and Construction Inspector for a project in which LiRo has been providing architecture, engineering, environmental, and construction administration services to ECHDC for the mixed-use waterfront park lands located in Downtown Buffalo. This project is used by the ECHDC for maintenance type capital projects to address maintenance and minor improvements for park infrastructure and facilities. His engineering & inspection projects have included:

- First Buffalo Marine Site Improvements Design & Inspection
- RC Crawler Zone Design & Inspection
- Erosion Repairs at Bike Park Design & Inspection

**City of Buffalo-Citywide Curb and Sidewalk Replacement Term Contract:** Mr. Vorobeychik served as a Construction Inspector responsible for construction administration and inspection services for several Site-Specific sidewalk and curb rehabilitation and reconstruction projects throughout the City of Buffalo. The work includes pavement construction, sidewalk construction, curb construction and other miscellaneous work within the City right-of-way. In addition to the inspection and administration oversight of this project he also provided survey, estimates and ADA compliance inspections.

**Erie Canal Harbor Development Corporation – Canalside Parking Lots:** Mr. Vorobeychik served as a Construction Inspector for the construction of two surface parking infrastructure facilities on two New York State Department of Transportation (NYSDOT) parcels located to the west of Canalside in Buffalo, NY. LiRo provided design, bid and construction administration and inspection services for this project. The parcels total approximately 1.46 acres and include 60 secure parking spaces with a fob-access gate in one parking lot.

### Construction Materials Field Testing Technician, CME Associates – Rochester, NY

08/2021 – Present, 07/2020– 03/2021

- Test construction materials such as concrete, asphalt and soils for quality control and quality assurance on construction sites.
- Complies with state standards and safety regulations daily.
- Coordinates tracks and manages maintenance activities performed on various sites.
- Compiles accurate and concise field data records and reports for each project.
- Communicates daily with direct supervisor to provide updates on project details.



## References & Similar Projects



### Organization/Entity

#### **Erie Canal Harbor Development Corporation**

### Primary Contact

Mr. Mark J. Wendel, AIA, LEED AP  
Senior Director of Design  
95 Perry Street, Suite 400, Buffalo NY 14203  
716-846-8220  
mark.wendel@esd.ny.gov

### Project Description

Buffalo Canalside Parking Lot Renovation

### Project Duration

3/20-6/24

### Organization/Entity

#### **Erie County Dept. of Public Works**

### Primary Contact

Mr. Jay Kajdas, PE  
95 Franklin Street, Buffalo, New York 14202  
716-858-8406  
Jay.kajdas@erie.gov

### Project Description

Erie County Correctional Facility Parking Lots and Access Road Rehabilitation

### Project Duration

7/15-1/18

### Organization/Entity

#### **Rochester Housing Authority**

### Primary Contact

Mr. Shawn Burr  
675 West Main Street, Rochester, NY 14611  
585-697-6184

### Project Description

Engineering Services Scattered Site Parking Lot Projects

### Project Duration

12/21-11/22





**Section 11. RFQ Response Form**

**Respondent legal business name:** LiRo Engineers, Inc.

**Respondent designated contact name:** Robert Kreuzer

**Respondent designated contact phone:** 716-882-5476

**Respondent designated contact email:** kreuzerr@liro-hill.com

**Legal business entity status:** Corporation

**Provide a Proposed Schedule for Completion of Each Phase:**

Phase	Proposed Date
Conceptual Design completed	7/31/2024
Final Design completed	8/23/2024
Construction RFQ released	8/30/2024
Construction bid due	9/20/2024

**Complete the following table:**

Phase	Dollar Figure Not to Exceed Quote
1. Conceptual Design	\$30,100.00
2. Final Design	\$15,600.00
3. Construction RFQ Development	\$2,300.00
4. Construction Competitive Bid Administration	\$4,500.00
5. Construction Observation	\$9,600.00

**Relevant notes regarding the above figures:**

Hourly Rate Schedule	
Job Title	Rate
Principal	\$235.00
Project Manager	\$190.00
Senior Civil Engineer	\$175.00
Civil Engineer	\$150.00
Designer/CAD	\$110.00
Construction Inspector	\$120.00

*Please also include a current contracted hourly rate schedule (for reference only).*



## Exception Letter

## IV

LiRo Engineers, Inc. has reviewed the terms and conditions presented in the RFP and we do not have any exceptions.





## Ability to Meet Contract Requirements

V

LiRo Engineers, Inc. has reviewed and acknowledges that we will meet the contract requirements as outlined in the RFP.

